



# 2020 Census Redistricting Data Program

SDC/CIC/DDS Conference  
Charlotte, NC  
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Chief - Census Redistricting & Voting Rights Data Office

# Public Law 94-171

**Mission:** Provide the officers or public bodies having initial responsibility for the legislative apportionment or districting of each State an opportunity to identify the geographic areas for which specific tabulations of population are desired and to deliver those tabulations in a timely manner.

Identified “geographic areas desired”:

- Census Tabulation Blocks
- Voting Districts (e.g. precincts, wards, etc.)
- Legislative and Congressional Districts

Requirements:

- Establish program criteria
- Identify required tabulations
- Conduct the program in a non-partisan manner
- Deliver the tabulations to the governor and the officers or public bodies having initial responsibility for the legislative apportionment or districting of each State no later than 1 year from Census Day (April 1, 2021)

# 2020 Redistricting Data Program

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- Phase 1 – The Block Boundary Suggestion Project (BBSP)
- Phase 2 – The Voting District Project (VTDP)
- Phase 3 – Data Delivery
- Phase 4 – Collection of the new plans
  - 118<sup>th</sup> Congressional Plans
  - New State Legislative District Plans
- Phase 5 – The View From the States
  - The evaluation of the 2020 Redistricting Data Program (RDP), the recommendations from the states, and the plan for the 2030 RDP

# Redistricting Data Program

## Phase 1 – Block Boundary Suggestion Project (BBSP)

Activity	Date
Initial Delineation	December 2015 – May 2016
Verification	December 2016 – May 2017

## Phase 1 - BBSP Participation

State	BBSP Initial	BBSP Verification
States Participating	36	34
States with changes for all counties	11	7
States with BAS Updates	17	19
County		
Participated – Submitted Updates	1150 (36% of nation)	966 (30% of nation)
Participated – No Updates	882 (27% of nation)	903 (28% of nation)
Did Not Participate	1188 (37% of nation)	1351 (42% of nation)

# Redistricting Data Program

## Phase 2 – Voting District Project (VTDP)

Activity	Date
Initial Delineation	December 22, 2018 – May 31, 2018
Verification I	January 2, 2019 – May 31, 2019
Verification II*	January 2, 2020 – March 31, 2020
*Added a short second round of verification for those states who participate in both the Initial Delineation and the first round of Verification	

# Timing

## Phase 3 – Prototype Data

Activity	Date
Prototype geographic support products	January 2019 – February 2019
Prototype P.L. 94-171 Redistricting Data	March 2019

## Phase 3 – Official Data

Geographic support products	November 2020 – February 2021
P.L. 94-171 Redistricting Data	February 2021 – March 31, 2021

# Products

## Phase 3 – Geographic Products

2018 Prototype	2020 Official
Shapefiles	Shapefiles
Maps	Maps
Block Assignment Files	Block Assignment Files
	Block to Block Relationship Files

- Shapefiles – geographic information system geometry files
- Maps (PDF only) – County Block; Voting District/State Legislative District; Tract; School District
- Block Assignment Files – tables identifying the blocks used to build different geographic entities
- Block to Block Relationship Files – Crosswalk of 2010 blocks to 2020 blocks

# Products

## Phase 3 – Tabulations

### Prototype P.L. 94-171 Redistricting Data File

#### Final 2018 Prototype P.L. 94-171 Redistricting Data File Design

Table P1 – Race

Table P2 – Race for the Population 18 Years and Over

Table P3 – Hispanic or Latino, and not Hispanic or Latino by Race

Table P4 – Hispanic or Latino, and not Hispanic or Latino by Race for the Population 18 and Over

Table H1 – Occupancy Status (Housing)

#### New Table

Table P5 – Group Quarters Population by Group Quarters Type

- Multiple geographies including census block
- Group quarters is total population only, no demographic breakdown
- Final 2020 P.L. 94-171 Redistricting Data File design expected summer of 2019

# Redistricting Data Program

## Phase 4 – Congressional and State Legislative Districts Collection

Activity	Date
115 <sup>th</sup> Congress and 2016 State Legislative Districts	November 2015 – April 2016
116 <sup>th</sup> Congress and 2018 State Legislative Districts	November 2017 – April 2018
117 <sup>th</sup> Congress and 2020 State Legislative Districts	No Collection
118 <sup>th</sup> Congress and 2022 State Legislative Districts	November 2021 – April 2022

### 117<sup>th</sup> Congress and 2020 State Legislative Districts

- Evaluating need and ability to collect these changes should many happen between April 2018 and November 2019
- No retabulation or other products produced due to proximity to the decennial census.

# Redistricting Data Program

## Milestones

Activity	Date	
FRN announcing the 2020 Census Redistricting Data Program	July 15, 2014	✓
Publish “The View From the States” for the 2020 Census	January 5, 2015	✓
Establish 2020 Redistricting Data Program liaisons	April, 2015 to February, 2016	✓
FRN announcing Phase 1 – Block Boundary Suggestion Project (BBSP)	June 26, 2015	✓
BBSP Invitation to participate	August 31, 2015	✓
Collect boundaries for the 115 <sup>th</sup> Congress and 2016 State Legislative Districts	November, 2015 to April, 2016	✓
BBSP Completed	July 31, 2017	✓
FRN announcing Phase 2 – Voting District Project (VTDP)	June 28, 2017	✓
VTDP Invitation to participate	September 29, 2017	✓
FRN for comment on prototype data design from 2018 Census Test	October, 2017	✓
Collect boundaries for the 116 <sup>th</sup> Congress and 2018 State Legislative Districts	November, 2017 to April, 2018	✓
FRN final prototype data design from 2018 Census Test	April, 2018	✓
Deliver prototype data and geographic files from the 2018 Census Test	March, 2019	✓
VTDP Completed	March, 2020	
Deliver official P.L. 94-171 Redistricting Geographic Files	November, 2020 to February, 2021	
Deliver official P.L. 94-171 Redistricting Data Summary Files	February, 2021 to March, 2021	

# Redistricting Data Program

## Phase 3 – Residence Criteria and Situations

Situations of most interest to Redistricting:

- Federally Affiliated Count Overseas
  - Military Overseas Enumeration
    - Deployed vs Stationed
- Correctional Facilities
  - Group Quarters on the P.L. 94-171 File
  - Proposed product/service from the FRN

# Group Quarters Assistance

- On February 8, 2018, the Census Bureau published a Federal Register Notice on the Final 2020 Census Residence Criteria and Residence Situations. In that Notice, the Census Bureau stated our intention to continue counting prisoners at the correctional facility as we determined that is most consistent with the concept of usual residence, as established by the Census Act of 1790. However, the notice also stated:
  - *Therefore, following the 2020 Census, the Census Bureau plans to offer a product that states can request, in order to assist them in their goals of reallocating their own prisoner population counts.*

# Group Quarters Assistance

- The solution for the “product/service” listed in the Residence Criteria and Situations FRN has been identified as the Census External Geocoder.
- The CRVRDO will put up a web landing page with language about redistricting, the geocoding service, and instructions on its use
- The CRVRDO will be the first line contact office for users of the service for purposes of redistricting
- Use the existing public geocoding service as currently scaled
  - 10,000 address limit for external users (open to the public)
  - Option for state redistricting officials, and only state officials, to submit a larger list for batch geocoding through SWIM (CENTURION)
  - The service is GQ/Address agnostic so it can be used for students, military, and prisons as needed by different states

# Group Quarters Assistance

- The submitted addresses must be in the formats specified by GEO for submission to the geocoding tool
  - This format requires a user defined unique identifier
- The geocoder will add the x/y coordinates and the associated geographic (county/tract/block) identifiers to the address record
- For the large batch option:
  - We will not modify the incoming file, it must be in the same GEO prescribed format as if submitted to the external service
  - We will not modify the outgoing file beyond what the geocoder does when it adds the x/y coordinates and geographic identifiers
  - The CRVRDO will provide the external support to the states
  - The CRVRDO will work internally to submit the batch files to the geocoder
  - The CRVRDO will return the batch files to the sender through our secure email system, Accellion

# Group Quarters Assistance

## What the solution won't do

- The solution will not provide new tabulations
- The solution will not change the P.L. 94-171 Redistricting Data Tabulations
- The solution will not link to census person records
- The solution will not utilize geocoding systems not available to the public

# How this helps the states

- The states can verify/identify the locations of their GQs by using the geocoder to assign geographic identifiers to their GQ address list.
- The states can use the GQ address list, the user-defined unique identifiers and the returned geographic identifiers to create their own tabulation adjustment tables.
- The states can incorporate their race, ethnicity, and age data associated with each record and their tabulation adjustment table by linking it through the user defined unique identifier.

# Voting Rights Tabulations

## Citizen Voting Age Population by Race and Ethnicity (ACS special tabulation)

- Annual Tabulation
- Calculated using the American Community Survey 5-year estimates
- Added Congressional and State Legislative Districts for 2018 and future releases
- Typically released in the 1<sup>st</sup> week of February each year

## Section 203 Language Determinations

- New determinations conducted every 5 years
- Identifies counties or townships where language assistance is needed for voting
- Calculated using the American Community Survey 5-year estimates
- Last published in the Federal Register –12/5/2016, next publication estimated 12/2021

Where to get the data?

WWW.CENSUS.GOV/RDO

Voting Rights



About the Decennial Census
Why a Census?
History of the Census
Census in the Constitution
Decennial and the American Community Survey (ACS)
Coverage Measurement
Local Update of Census Addresses Operation (LUCA)
New Construction Program
Participant Statistical Areas Program (PSAP)
<b>Redistricting</b>
Voting Rights
Related Sites
Information for Respondents
By Decade

# Decennial Census of Population and Housing



## Redistricting Data Program

REDISTRICTING & VOTING RIGHTS DATA OFFICE (RDO@CENSUS.GOV OR 301-763-4039)

MAY 05, 2017

### Redistricting Data Program Congressional Districts

Guidance and access to information about congressional districts and congressional district products.

MAY 08, 2017

### Redistricting Data Program State Legislative Districts

Guidance and access to information about state legislative districts and state legislative district products.

MAY 08, 2017

### Decennial Census P.L. 94-171 Redistricting Data Summary Files

Guidance and documentation to assist in accessing P.L. 94-171 Redistricting Data

### Redistricting Data Program Management

Guidance about and for participation in the Redistricting Data Program for the current and past Decennial Censuses.

Prototype Data (Phase 3) in March 2019

Official Data in 2021

# Thank you!

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